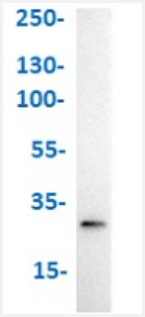
GFP monoclonal antibody, clone 9F9.F9 (Alkaline Phosphatase)

Catalog # MAB23141 Size 1 mg

Applications



Western Blot (Recombinant protein)

Western Blot analysis of GFP (100 ng) with GFP monoclonal antibody, clone 9F9.F9 (Alkaline Phosphatase) (Cat # MAB23141).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant GFP. The antibody is conjugated with Alkaline Phosphatase (Calf Intestine).
Immunogen	Recombinant fusion protein corresponding to full length amino acid sequence (246 amino acids) derived from the jellyfish Aequorea victoria GFP.
Host	Mouse
Specificity	This antibody reactivity is observed against recombinant Green Fluorescent Protein. No reaction is seen against RFP.
Form	Liquid
Conjugation	Alkaline Phosphatase
Purification	This antibody was prepared from tissue culture supernatant by protein A affinity chromatography.
Isotype	IgG1, kappa
Recommend Usage	ELISA (1:2000-1:12000) Immunohistochemistry (1:200-1:1000) Western Blot (1:500-1:2500) The optimal working dilution should be determined by the end user.

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Storage Buffer	In 50 mM Tris-Cl, 150 mM NaCl, 1 mM $MgCl_2$, 0.1 mM $ZnCl_2$, pH 8.0 (50% (v/v) glycerol, 10 mg/mL BSA, 0.01% (w/v) sodium azide)
Storage Instruction	Store at 4°C before opening. Do not freeze. This product is stable at 4°C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

  Western Blot analysis of GFP (100 ng) with GFP monoclonal antibody, clone 9F9.F9 (Alkaline Phosphatase) (Cat # MAB23141).

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